

# Regional Surveillance Report: June 2016

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## SUMMARY

- **Health Service Region 2**
  - There were a total of 58 cases reported in Health Service Region 2 for the month.
  - Reported cases of campylobacteriosis were beyond historical limits for the five-year monthly median (highlighted in Table 1).
- **Health Service Region 3**
  - There were a total of 493 cases reported in Health Service Region 3 for the month.
  - Reported cases of listeriosis were beyond historical limits for the five-year monthly median (highlighted in Table 2).
- **Outbreak Investigations**
  - A varicella (chickenpox) outbreak was investigated in Rockwall County associated with an Elementary School.
  - Two Salmonella outbreaks were investigated:
    - One outbreak associated with a social gathering in Denton County.
    - One outbreak associated with a restaurant in Young County.

**Please see the following tables and figures for more details.** NOTE: Counts include confirmed and probable cases reported to the Texas Department of State Health Services via NEDSS (National Electronic Disease Surveillance System) in report month. Counts include conditions coordinated by the epidemiology branch only. Cases may be pending investigation and counts are subject to change. A map of the region can be found on the last page of this report. Counts beyond historical limits or differing from the five year median may be due to current or past outbreaks, seasonal variations, or infrequently reported diseases.

**Table 1: Reported Disease Case Counts in Health Service Region 2, June 2016**

<u>Disease</u>	<u>June 2016</u>	<u>January - December 2016</u>	<u>5-Year Monthly Median F</u>	<u>Total Cases in Previous Years</u>					<u>Counties Reporting during June 2016 (Counts)</u>
				<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	
Amebiasis	0	0	0	0	0	0	1	0	
Amebic meningitis and encephalitis	0	0	0	0	0	0	0	0	
Ascariasis (roundworm)*	0	0	0						
Botulism (adult and infant)	0	0	0	0	0	0	0	0	
<b>Campylobacteriosis</b>	18	85	4	134	37	38	71	43	Callahan (1), Comanche (2), Hardeman (2), Jones (3), Taylor (3), Wichita (6), Young (1)
Carbapenem-resistant Enterobacteriaceae (CRE)	0	0	0	0	6	--	--	--	
Creutzfeldt-Jakob Disease (CJD)/Prion Disease	0	0	0	2	0	0	0	1	
Cryptosporidiosis	4	12	0	24	8	4	9	10	Runnels (1), Taylor (1), Wichita (2)
Cyclosporiasis	0	0	0	6	1	4	0	0	
Diphtheria	0	0	0	0	0	0	0	0	
Fascioliasis (liver fluke/flatworm)*	0	0	0	--	--	--	--	--	
<i>Haemophilus influenzae</i> , invasive	0	5	0	0	1	0	0	0	
Hemolytic Uremic Syndrome (HUS)	0	0	0	1	1	0	1	1	
Hepatitis A, acute	0	3	0	2	2	3	5	4	
Hepatitis B, acute	1	3	1	5	4	4	7	9	Taylor (1)
Hepatitis B, perinatal	0	0	0	0	0	0	0	0	
Hepatitis C, acute	0	3	0	12	11	4	0	2	
Hepatitis E, acute	0	0	0	1	0	0	0	0	
Hookworm (Ancylostomiasis)*	0	0	0	--	--	--	--	--	
Influenza-associated pediatric mortality	0	0	0	1	0	0	0	0	
Legionellosis	1	1	0	6	6	3	4	2	Wilbarger (1)

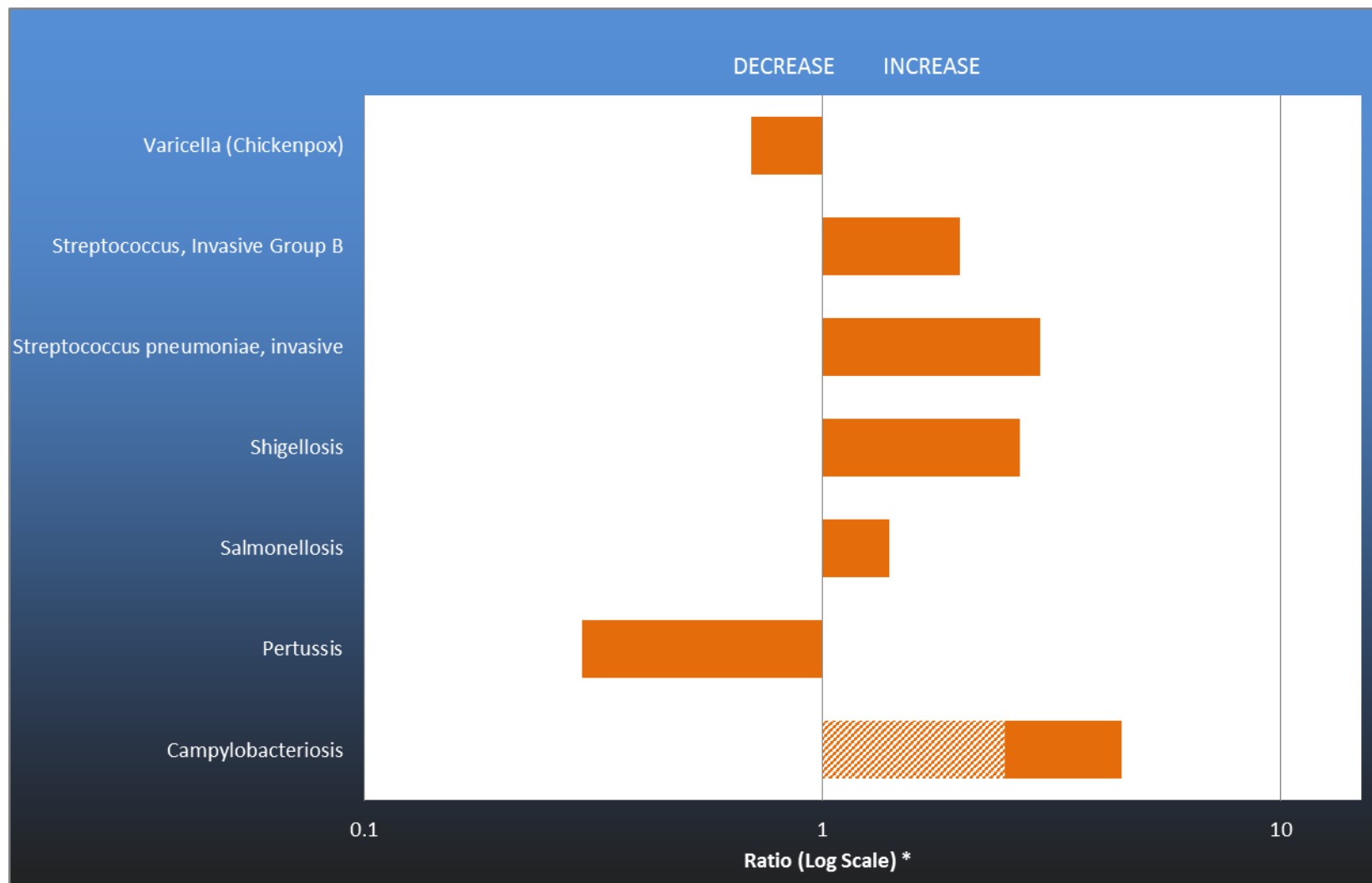
<u>Disease</u>	<u>June 2016</u>	<u>January - December 2016</u>	<u>5-Year Monthly Median F</u>	<u>Total Cases in Previous Years</u>					<u>Counties Reporting during June 2016 (Counts)</u>
				<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	
Listeriosis	0	0	0	0	0	0	0	2	
Measles	0	0	0	0	3	0	0	0	
Multidrug-resistant <i>Acinetobacter</i> (MDR-A)	1	3	0	7	10	--	--	--	Young (1)
Mumps	0	0	0	0	1	0	0	2	
<i>Neisseria meningitidis</i> , invasive	0	0	0	0	0	0	0	0	
Novel Coronavirus	0	0	0	0	0	0	0	0	
Paragonimiasis (Lung flake/flatworm) *	0	0	0	--	--	--	--	--	
Pertussis	1	17	3	69	24	77	31	9	Archer (1)
Poliomyelitis, acute paralytic	0	0	0	0	0	0	0	0	
Rubella (including congenital)	0	0	0	0	0	0	0	0	
Salmonellosis	15	48	11	145	117	133	200	140	Brown (2), Callahan (1), Clay (1), Comanche (1), Jones (1), Nolan (1), Scurry (1), Taylor (2), Throckmorton (1), Wichita (1), Young (3)
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	2	7	2	18	26	15	13	20	Eastland (1), Fisher (1)
Shigellosis	8	80	3	76	20	41	187	63	Scurry (2), Taylor (2), Wichita (4)
Smallpox	0	0	0	0	0	0	0	0	
<i>Streptococcus pneumoniae</i> , invasive	3	26	1	52	22	14	24	18	Comanche (1), Montague (1), Wichita (1)
<i>Streptococcus</i> , Invasive Group A	0	11	1	25	7	5	7	9	
<i>Streptococcus</i> , Invasive Group B	2	30	1	30	24	19	11	20	Eastland (1), Taylor (1)
Tetanus	0	0	0	0	0	0	0	0	
Trichuriasis (whipworm) *	0	0	0	--	--	--	--	--	
Typhoid Fever	0	0	0	0	1	0	0	0	

<u>Disease</u>	<u>June 2016</u>	<u>January - December 2016</u>	<u>5-Year Monthly Median ‡</u>	<u>Total Cases in Previous Years</u>					<u>Counties Reporting during June 2016 (Counts)</u>
				<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	
Varicella (Chickenpox)	2	14	3	39	33	48	84	112	Jones (1), Taylor (1)
Vibrio infection (including cholera)	0	0	0	1	2	1	0	3	
Viral Hemorrhagic Fever (including Ebola)	0	0	0	0	0	0	0	0	
Vancomycin Intermediate <i>S. aureus</i> (VISA)	0	0	0	0	1	1	1	0	
Vancomycin Resistant <i>S. aureus</i> (VRSA)	0	0	0	0	0	0	0	0	
Yersiniosis	0	0	0	1	1	0	0	0	
<b>Total</b>	<b>58</b>	<b>348</b>		<b>657</b>	<b>369</b>	<b>414</b>	<b>656</b>	<b>470</b>	

‡ Calculated by determining the median of the incidence counts for the current month, the month preceding the current month, and the month following the current month, for the 5 preceding years.

\* Reportable conditions as of 2016, no previous data available.

**FIGURE I. Notifiable Diseases Exceeding Five-year Monthly Median for June 2016, Health Service Region 2**



\*Ratio of current monthly total to median of 15 month totals (from previous, comparable, and subsequent months for the past 5 years). Conditions with a 5-year monthly median of zero or a ratio of 1 are not displayed in the figure above.

Current Ratio
  Historical Limits

**Table 2: Reported Disease Case Counts in Health Service Region 3, June 2016**

<u>Disease</u>	<u>June 2016</u>	<u>January – December 2016</u>	<u>5-Year Monthly Median †</u>	<u>Total Cases in Previous Years</u>					<u>Counties Reporting during June 2016 (Counts)</u>
				<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	
Amebiasis	1	19	4	52	46	65	56	53	Dallas (1)
Amebic meningitis and encephalitis	0	0	0	0	0	0	0	0	
Ascariasis (roundworm) *	0	0	0						
Botulism (adult and infant)	0	1	0	2	1	2	0	1	
Campylobacteriosis	75	333	74	817	657	606	572	438	Collin (4), Cooke (1), Dallas (7), Denton (8), Ellis (6), Erath (1), Fannin (1), Hood (1), Hunt (2), Johnson (9), Navarro (1), Palo Pinto (4), Parker (6) Rockwall (1), Somervell (1), Tarrant (19), Wise (3)
Carbapenem-resistant Enterobacteriaceae (CRE)	4	38	0	52	29	--	--	--	Collin (1), Dallas (1), Johnson (1), Tarrant (1)
Creutzfeldt-Jakob Disease (CJD)/Prion Disease	0	0	0	6	9	1	6	2	
Cryptosporidiosis	2	57	10	249	97	128	98	126	Dallas (1), Tarrant (1)
Cyclosporiasis	0	1	2	105	118	183	13	9	
Diphtheria	0	0	0	0	0	0	0	0	
Fascioliasis (liver fluke/flatworm) *	0	0	0	--	--	--	--	--	
<i>Haemophilus influenzae</i> , invasive	3	42	0	2	3	0	2	1	Denton (2), Johnson (1)
Hemolytic Uremic Syndrome (HUS)	1	1	0	7	3	4	8	5	Tarrant (1)
Hepatitis A, acute	1	18	4	47	27	27	62	55	Dallas (1)
Hepatitis B, acute	4	19	2	42	22	24	38	42	Collin (1), Denton (2), Tarrant (1)
Hepatitis B, perinatal	0	0	0	0	1	1	1	1	
Hepatitis C, acute	0	4	1	23	19	11	20	8	

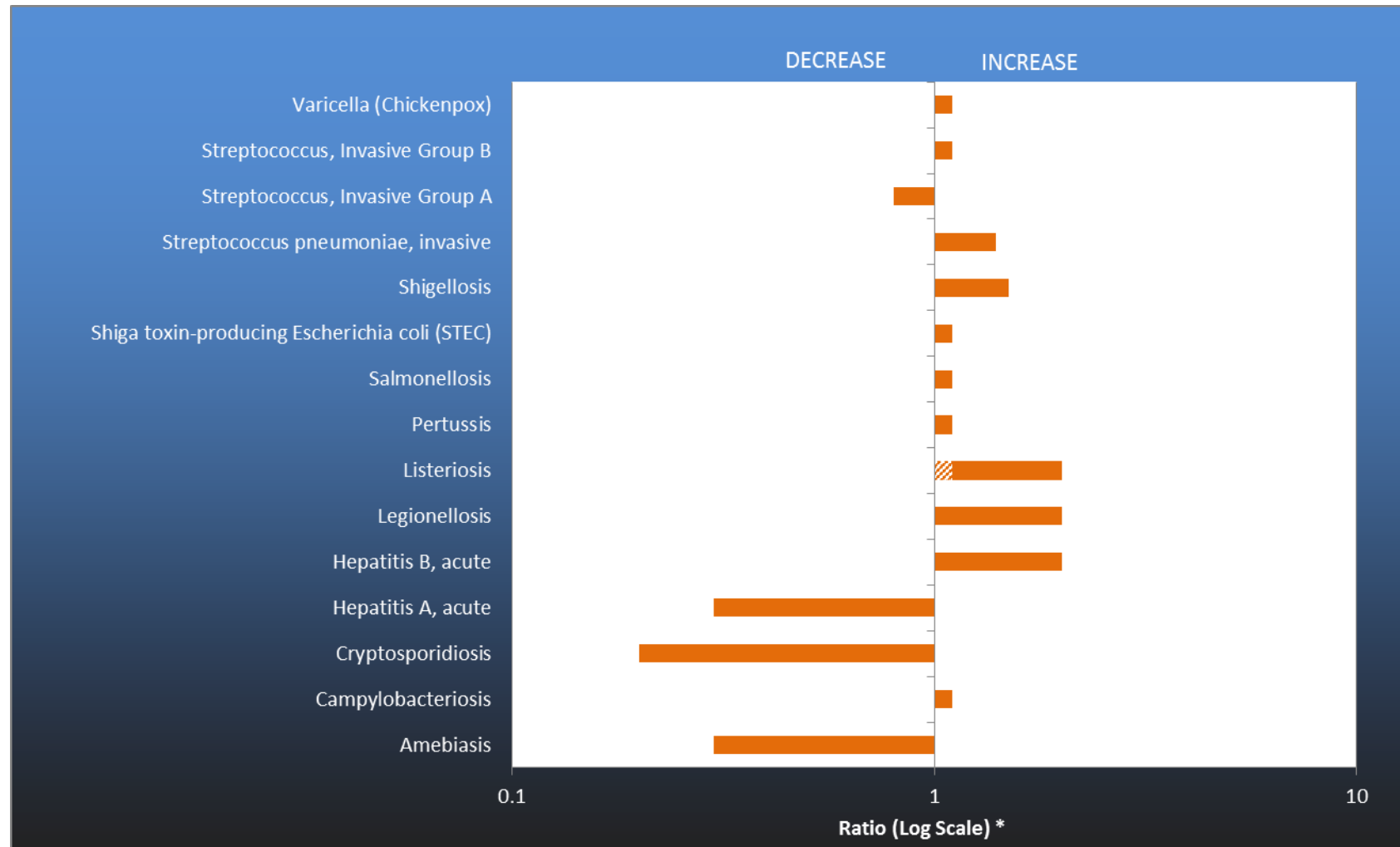
<b>Disease</b>	<b>June 2016</b>	<b>January – December 2016</b>	<b>5-Year Monthly Median ‡</b>	<b>Total Cases in Previous Years</b>					<b>Counties Reporting during June 2016 (Counts)</b>
				<b>2015</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>	
Hepatitis E, acute	1	5	0	1	5	4	4	7	Collin (1)
Hookworm (Ancylostomiasis) *	0	0	0	--	--	--	--	--	
Influenza-associated pediatric mortality	0	2	0	5	5	2	5	5	
Legionellosis	14	33	7	122	105	68	59	52	Dallas (6), Denton (1), Kaufman (1), Tarrant (6)
Listeriosis	2	6	1	6	5	9	8	14	Collin (1), Tarrant (1)
Measles	0	1	0	1	4	25	0	3	
Multidrug-resistant <i>Acinetobacter</i> (MDR-A)	13	122	0	220	177	0	0	0	Collin (3), Dallas (2), Navarro (1), Rockwall (1), Tarrant (6)
Mumps	2	4	0	6	5	1	5	7	Denton (1), Grayson (1)
<i>Neisseria meningitidis</i> , invasive	0	4	0	4	5	13	13	10	
Novel Coronavirus	0	0	0	0	0	0	0	0	
Paragonimiasis (Lung fluke/flatworm) *	0	0	0	--	--	--	--	--	
Pertussis	66	319	64	629	1,041	1,850	675	282	Collin (8), Dallas (1), Denton (8), Ellis (2), Johnson (3), Parker (1), Rockwall (2), Tarrant (40), Wise (1)
Poliomyelitis, acute paralytic	0	0	0	0	0	0	0	0	
Rubella (including congenital)	0	0	0	2	0	0	0	0	
Salmonellosis	101	412	106	1,437	1,137	1,142	1,245	1,208	Collin (6), Dallas (7), Denton (30), Ellis (1), Erath (3), Fannin (1), Grayson (2), Hunt (2), Johnson (4), Kaufman (1), Navarro (1), Palo Pinto (1), Parker (8), Tarrant (30), Wise (4)
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	18	93	16	188	222	162	125	145	Collin (2), Dallas (5), Denton (2), Erath (1), Fannin (1), Johnson (1), Kaufman (1), Tarrant (5)

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Shigellosis	82	565	55	898	739	667	376	676	Collin (5), Dallas (17), Denton (7), Ellis (1), Grayson (1), Johnson (8), Navarro (2), Parker (1), Rockwall (1), Tarrant (38), Wise (1)
Smallpox	0	0	0	0	0	0	0	0	
<i>Streptococcus pneumoniae</i> , invasive	30	329	21	483	518	499	458	413	Collin (2), Dallas (12), Denton (1), Ellis (2), Fannin (1), Hood (2), Kaufman (1), Navarro (1), Parker (1), Tarrant (7)
<i>Streptococcus</i> , Invasive Group A	9	62	11	186	202	118	104	152	Collin (2), Dallas (2), Denton (1), Ellis (2), Johnson (1), Rockwall (1)
<i>Streptococcus</i> , Invasive Group B	28	214	26	523	421	281	292	288	Collin (1), Dallas (11), Denton (3), Hunt (1), Parker (1), Tarrant (11)
Tetanus	0	2	0	1	1	0	0	1	
Trichuriasis (whipworm)*	0	0	0	--	--	--	--	--	
Typhoid Fever	0	7	0	7	9	7	8	11	
Varicella (Chickenpox)	34	203	33	372	499	513	614	710	Collin (3), Dallas (5), Denton (3), Ellis (2), Johnson (3), Kaufman (1), Rockwall (4), Tarrant (13)
Vibrio infection (including cholera)	1	5	1	14	16	10	16	9	Dallas (1)
Viral Hemorrhagic Fever (Ebola)	0	0	0	0	3	0	0	0	
Vancomycin Intermediate <i>S. aureus</i> (VISA)	1	2	0	5	1	2	7	1	Dallas (1)
Vancomycin Resistant <i>S. aureus</i> (VRSA)	0	0	0	0	0	0	0	0	
Yersiniosis	0	2	0	5	6	12	5	4	
<b>Total</b>	<b>493</b>	<b>2,925</b>		<b>6,519</b>	<b>6,158</b>	<b>6,437</b>	<b>4,895</b>	<b>4,739</b>	

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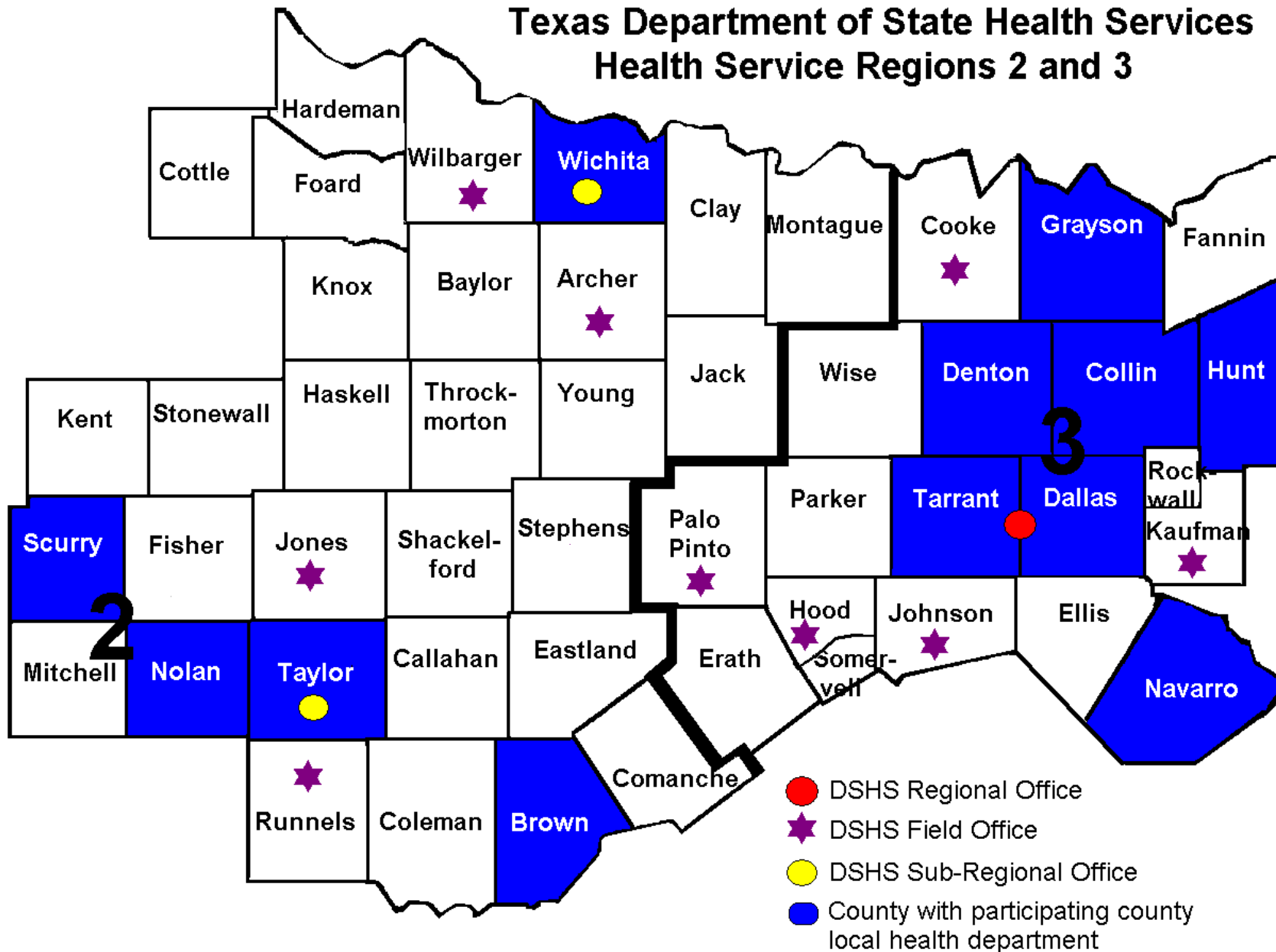
**FIGURE II. Notifiable Diseases Exceeding Five-year Monthly Median for June 2016, Health Service Region 3**



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Current Ratio
  Historical Limits

## Texas Department of State Health Services Health Service Regions 2 and 3



If you have any questions about this monthly report or notifiable disease conditions in Texas, please contact:

Diana Cervantes, MS, DrPH Chief Epidemiologist

[Diana.Cervantes@dshs.state.tx.us](mailto:Diana.Cervantes@dshs.state.tx.us) <https://www.dshs.state.tx.us/region2-3/epidemiology.aspx>

Phone: 817-264-4657 Reporting FAX: 817-264-4557